

First Hit Fwd Refs

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L6: Entry 1 of 1

File: USPT

May 27, 1997

US-PAT-NO: 5634012

DOCUMENT-IDENTIFIER: US 5634012 A

TITLE: System for controlling the distribution and use of digital works having a fee reporting mechanism

DATE-ISSUED: May 27, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stefik; Mark J.	Woodside	CA		
Merkle; Ralph C.	Sunnyvale	CA		
Pirolli; Peter L. T.	El Cerrito	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Xerox Corporation	Stamford	CT			02

APPL-NO: 08/ 344773 [PALM]

DATE FILED: November 23, 1994

PARENT-CASE:

RELATED APPLICATIONS This application is related to the following co-pending and commonly assigned U.S. patent applications: Ser. No. 08/344,760, entitled "System For Controlling the Distribution and Use of Digital Works Using Digital Tickets" filed Nov. 23, 1994; Ser. No. 08/344,041, entitled "System For Controlling the Distribution And Use Of Digital Works Utilizing A Usage Rights Grammar" filed Nov. 23, 1994; Ser. No. 08/344,042, entitled "System For Controlling the Distribution and Use Of Digital Works" filed Nov. 23, 1994; and Ser. No. 08/344,776, entitled "System For Controlling the Distribution and Use of Composite Digital Works" filed Nov. 23, 1994.

INT-CL: [06] G06 F 17/60

US-CL-ISSUED: 395/239

US-CL-CURRENT: 705/39

FIELD-OF-SEARCH: 364/419, 364/19, 364/41R, 364/408

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4529870</u>	July 1985	Chaum	235/380
<input type="checkbox"/>	<u>4658093</u>	April 1987	Hellman	380/25
<input type="checkbox"/>	<u>4924378</u>	May 1990	Hershey et al.	364/200
<input type="checkbox"/>	<u>4932054</u>	June 1990	Chou et al.	380/4
<input type="checkbox"/>	<u>4937863</u>	June 1990	Robert et al.	380/4
<input type="checkbox"/>	<u>4953209</u>	August 1990	Ryder, Sr. et al.	380/23
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<input type="checkbox"/>	<u>5047928</u>	September 1991	Wiedemer	364/406
<input type="checkbox"/>	<u>5050213</u>	September 1991	Shear	380/25
<input type="checkbox"/>	<u>5058164</u>	October 1991	Elmer et al.	380/50
<input type="checkbox"/>	<u>5103476</u>	April 1992	Waite et al.	380/4
<input type="checkbox"/>	<u>5113519</u>	May 1992	Johnson et al.	395/600
<input type="checkbox"/>	<u>5146499</u>	September 1992	Geffrotin	380/23
<input type="checkbox"/>	<u>5159182</u>	October 1992	Eisele	235/492
<input type="checkbox"/>	<u>5191193</u>	March 1993	Le Roux	235/379
<input type="checkbox"/>	<u>5204897</u>	April 1993	Wyman	380/4
<input type="checkbox"/>	<u>5247575</u>	September 1993	Sprague et al.	380/9
<input type="checkbox"/>	<u>5291596</u>	March 1994	Mita	395/600
<input type="checkbox"/>	<u>5339091</u>	August 1994	Yamazaki et al.	345/104
<input type="checkbox"/>	<u>5532920</u>	July 1996	Hartrick et al.	364/419.1

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FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
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2236604	April 1991	GB	
WO9220022	November 1992	WO	
9301550	January 1993	WO	

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Willetts, S., "Metered PCs: Is your system watching you?"; Wave Systems beta tests new technology, InfoWorld, Copyright, May 2, 1994, p. 84.

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Tygar, J.D., and Bennet, Y., "Dyad: A System for Using Physically Secure Coprocessors," IMA Intellectual Property Project Proceedings, Jan. 1994, vol. 1, Issue 1, pp. 121-152.

Griswold, G.N., "A Method for Protecting Copyright on Networks," IMA Intellectual Property Project Proceedings, Jan. 1994, vol. 1, Issue 1, pp. 169-178.

Nelson, T.H., "A Publishing and Royalty Model for Networked Documents," IMA Intellectual Property Project Proceedings, Jan. 1994, vol. 1, Issue 1, pp. 257-259.

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Weber, R., "Digital Rights Management Technology", Oct. 1995.

ART-UNIT: 241

PRIMARY-EXAMINER: McElheny, Jr.; Donald E.

ATTY-AGENT-FIRM: Domingo; Richard B.

ABSTRACT:

A fee accounting mechanism for reporting fees associated with the distribution and use of digital works. Usage rights and fees are attached to digital works. The

usage rights define how the digital work may be used or further distributed. Usage fees are specified as part of a usage right. The digital works and their usage rights and fees are stored in repositories. The repositories control access to the digital works. Upon determination that the exercise of a usage right requires a fee, the repository generates a fee reporting transaction. Fee reporting is done to a credit server. The credit server collects the fee information and periodically transmits it to a billing clearinghouse.

16 Claims, 20 Drawing figures

First Hit Fwd Refs



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L5: Entry 5 of 6

File: USPT

May 3, 1994

US-PAT-NO: 5309355

DOCUMENT-IDENTIFIER: US 5309355 A

**** See image for Certificate of Correction ****

TITLE: Automated sales system

DATE-ISSUED: May 3, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lockwood; Lawrence B.	La Jolla	CA	92037	

APPL-NO: 08/ 116654 [PALM]

DATE FILED: September 3, 1993

PARENT-CASE:

REFERENCE TO RELATED APPLICATIONS This application is a continuation of Ser. No. 07/396,283 filed Aug. 21, 1989 now abandoned, which is a continuation-in-part of Ser. No. 07/152,973 filed Feb. 8, 1988 now abandoned, which is a continuation-in-part of Ser. No. 822,115 filed Jan. 24, 1986 now abandoned, which is a continuation-in-part of Ser. No. 613,525 filed May 24, 1984, now U.S. Pat. No. 4,567,359 issued Jan. 28, 1986.

INT-CL: [05] G06F 15/20

US-CL-ISSUED: 364/401; 364/407, 235/381

US-CL-CURRENT: 705/6; 235/381, 705/27

FIELD-OF-SEARCH: 364/401, 364/407, 364/408, 358/86, 235/380, 235/379, 235/375, 235/381

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>Re30773</u>	October 1981	Glaser et al.	235/379
<input type="checkbox"/>	<u>Re32115</u>	April 1986	Lockwood	235/381
<input type="checkbox"/>	<u>3445633</u>	May 1969	Ratner	235/61.7
<input type="checkbox"/>	<u>3718906</u>	February 1973	Lightner	340/147
<input type="checkbox"/>	<u>4186438</u>	January 1980	Benson	364/200

<input type="checkbox"/> <u>4193114</u>	March 1980	Benini	364/200
<input type="checkbox"/> <u>4355372</u>	October 1982	Johnson et al.	364/900
<input type="checkbox"/> <u>4360345</u>	November 1982	Hon	434/262
<input type="checkbox"/> <u>4414467</u>	November 1983	Gould et al.	235/381
<input type="checkbox"/> <u>4438326</u>	March 1984	Uchida	235/379
<input type="checkbox"/> <u>4449186</u>	May 1984	Kelly et al.	364/407

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1236216	May 1988	CA	354/34
0109189	May 1984	EP	
48-11893	February 1973	JP	
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49-73198	July 1974	JP	
50-98626	August 1975	JP	
50-133892	October 1975	JP	
52-272800	May 1977	JP	
52-113655	September 1977	JP	
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53-57100	May 1978	JP	
54-40700	March 1979	JP	
54-60000	May 1979	JP	
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Aviation Week & Space Technology, Nov. 2, 1984: "Automatic Ticket Machine Use May Change Sales Strategies" pp. 179-182.

ART-UNIT: 231

PRIMARY-EXAMINER: Envall, Jr.; Roy N.

ASSISTANT-EXAMINER: Bodendorf; Andrew

ATTY-AGENT-FIRM: Charmasson; Henri J. A.

ABSTRACT:

An apparatus for composing individualized sales presentations created by various data sources from customer profiles managed by organizational hierarchy matrixes directed by multiple operating programs. The apparatus provides the means for synergistically creating and displaying customized presentations in a convenient manner for both the client and salesperson to achieve a more accurate, efficient and comprehensive marketing presentation. Organizational hierarchies of data sources are arranged so that an infinite number of sales presentation configurations can be created. Multiple microprograms automatically compose the sales presentations initiated by determinants received from client profiles stored on optical memory or smart cards, sales agent assessment of client profiles or centralized sales systems responsive to client profiles.

5 Claims, 6 Drawing figures

First Hit Fwd Refs



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L5: Entry 5 of 6

File: USPT

May 3, 1994

DOCUMENT-IDENTIFIER: US 5309355 A

**** See image for Certificate of Correction ****

TITLE: Automated sales system

Abstract Text (1):

An apparatus for composing individualized sales presentations created by various data sources from customer profiles managed by organizational hierarchy matrixes directed by multiple operating programs. The apparatus provides the means for synergistically creating and displaying customized presentations in a convenient manner for both the client and salesperson to achieve a more accurate, efficient and comprehensive marketing presentation. Organizational hierarchies of data sources are arranged so that an infinite number of sales presentation configurations can be created. Multiple microprograms automatically compose the sales presentations initiated by determinants received from client profiles stored on optical memory or smart cards, sales agent assessment of client profiles or centralized sales systems responsive to client profiles.

Application Filing Date (1):

19930903

Current US Cross Reference Classification (2):

705/27

First Hit Fwd Refs



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L5: Entry 4 of 6

File: USPT

Jan 4, 2000

US-PAT-NO: 6012051

DOCUMENT-IDENTIFIER: US 6012051 A

TITLE: Consumer profiling system with analytic decision processor

DATE-ISSUED: January 4, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sammon, Jr.; Thomas M.	San Diego	CA		
Scurlock; Bradley W.	San Diego	CA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
America Online, Inc.	Dulles	VA			02

APPL-NO: 08/ 794387 [PALM]

DATE FILED: February 6, 1997

INT-CL: [06] G06 F 15/18, G06 F 17/60

US-CL-ISSUED: 706/52; 705/10, 705/26

US-CL-CURRENT: 706/52; 705/10, 705/26

FIELD-OF-SEARCH: 395/54, 395/51, 706/52, 705/26, 705/27, 705/10

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

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<input type="checkbox"/>	<u>T998008</u>	September 1980	De Lano, Jr.	705/7
<input type="checkbox"/>	<u>4733354</u>	March 1988	Potter et al.	600/300
<input type="checkbox"/>	<u>4775935</u>	October 1988	Yourick	345/357
<input type="checkbox"/>	<u>4794389</u>	December 1988	Luck et al.	345/192
<input type="checkbox"/>	<u>4829426</u>	May 1989	Burt	706/45
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<input type="checkbox"/>	<u>5239617</u>	August 1993	Gardner et al.	706/11
<input type="checkbox"/>	<u>5241624</u>	August 1993	Torres	345/429
<input type="checkbox"/>	<u>5347614</u>	September 1994	Yamada et al.	706/59
<input type="checkbox"/>	<u>5448727</u>	September 1995	Annevelink	707/101
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<input type="checkbox"/>	<u>5506984</u>	April 1996	Miller	707/10
<input type="checkbox"/>	<u>5583763</u>	December 1996	Atcheson et al.	707/3
<input type="checkbox"/>	<u>5615342</u>	March 1997	Johnson	705/27
<input type="checkbox"/>	<u>5664111</u>	September 1997	Nahan et al.	705/27
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<input type="checkbox"/>	<u>5712960</u>	January 1998	Chiopris et al.	706/61
<input type="checkbox"/>	<u>5724508</u>	March 1998	Harple, Jr. et al.	709/205
<input type="checkbox"/>	<u>5724521</u>	March 1998	Dedrick	705/26
<input type="checkbox"/>	<u>5732398</u>	March 1998	Tagawa	705/5
<input type="checkbox"/>	<u>5745882</u>	April 1998	Bixler et al.	705/26
<input type="checkbox"/>	<u>5758328</u>	March 1998	Giovannoli	705/27
<input type="checkbox"/>	<u>5761649</u>	June 1998	Hill	705/27

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J. Moad, "Web shakeout," PC Week, vol. 13, No. 28, p.E1(2), Jul. 1996.

J.D. Tygar, "Atomicity in Electronic Commerce," Proc. Fifteenth Annual ACM symposium on Principles of distributed computing, pp. 8-26, Dec. 1996.

S. Hedberg, "Agents for sale: first wave of intelligent agents go commercial," IEEE Expert, vol. 11, No. 6, pp. 16-19, Dec. 1996.

F.-C. Cheong, Internet Agents: Spiders, Wanderers, Brokers, and Bots, New Riders Publishing, pp. 61-78, Dec. 1996.

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Elkan, Charles, "The Paradoxical Success of Fuzzy Logic", IEEE Expert, Aug. 1994.

Wan et al, "Document Management Through Hypertext: A Logic Modeling Approach", IEEE Annual Hawaii International Conference on System Sciences, 1994.

ART-UNIT: 272

PRIMARY-EXAMINER: Downs; Robert W.

ATTY-AGENT-FIRM: Fish & Richardson P.C.

ABSTRACT:

A system which processes information to identify product choices within a product domain for a user, presents structured data concerning attributes of products in the product domain to the user in a readily understandable and efficient manner, allowing the user to make the best choice according to his or her own personal profile. A user interface presents a sequence of input prompts to the user to gather preference and requirement data for a plurality of attributes of products in the product domain. A decision engine is coupled to the user interface and filters the product domain to present a set of products according to the gathered preference and requirement data as product choices to the user. The preference data comprises a variable associated with particular attributes specified by the user to have a degree of relevance to a product choice in the product domain but not an absolute requirement. The requirement data comprises a variable associated with a particular attribute specified by the user to be required or not required for a product choice in the product domain.

49 Claims, 15 Drawing figures

First Hit Fwd Refs



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L5: Entry 4 of 6

File: USPT

Jan 4, 2000

DOCUMENT-IDENTIFIER: US 6012051 A

TITLE: Consumer profiling system with analytic decision processor

Application Filing Date (1):

19970206

Detailed Description Text (17):

As a user profile is used to populate the attribute hierarchy, the measured attribute vector 118 is used to compute the measured attribute/item matrix in response to the user profile. The measured attribute/item matrix 150 comprises normalized values for each measured attribute for each item within the domain. Each entry is a normalized floating point number ranging from 0.0 to 1.0 in a preferred example. The methodology used for normalization is dependent upon the measured attribute type as illustrated in Table 1 below. If the measured attribute data is unavailable for a particular item, it is marked as such within the corresponding matrix. There are two types of unavailable data, including missing data and irrelevant data. Missing data is information about an item that should be available but for some reason is currently not available. Irrelevant data is information which does not pertain to a specific item (for example, 4-wheel drive transmission for an item that is only available with 2-wheel drive transmission).

Current US Cross Reference Classification (2):

705/26

First Hit Fwd Refs

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L5: Entry 1 of 6

File: USPT

Aug 7, 2001

US-PAT-NO: 6272467

DOCUMENT-IDENTIFIER: US 6272467 B1

TITLE: System for data collection and matching compatible profiles

DATE-ISSUED: August 7, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Durand; Pierre E.	Chicago	IL		
Low; Michael D.	Evanston	IL		
Stoller; Melissa K.	Kenilworth	IL		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Spark Network Services, Inc.	Evanston	IL			02

APPL-NO: 08/ 784713 [PALM]

DATE FILED: January 16, 1997

PARENT-CASE:

This application claims the benefit of U.S. provision application Ser. No. 60/024,789 filed Sep. 9, 1996, now abandoned.

INT-CL: [07] G06 F 15/38

US-CL-ISSUED: 705/1; 705/5, 705/26

US-CL-CURRENT: 705/1; 705/26, 705/5

FIELD-OF-SEARCH: 705/1, 705/26, 707/5

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

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	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/>	<u>4348744</u>	September 1982	White	
<input type="checkbox"/>	<u>4422158</u>	December 1983	Galie	707/5
<input type="checkbox"/>	<u>5086394</u>	February 1992	Shapira	705/1
<input type="checkbox"/>	<u>5122952</u>	June 1992	Minkus	705/26

<input type="checkbox"/> <u>5128871</u>	July 1992	Schmitz	364/490
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<input type="checkbox"/> <u>5325475</u>	June 1994	Poggio et al.	395/133
<input type="checkbox"/> <u>5446686</u>	August 1995	Bosnyak et al.	365/49
<input type="checkbox"/> <u>5450504</u>	September 1995	Calia	382/118

ART-UNIT: 275

PRIMARY-EXAMINER: MacDonald; Allen R.

ASSISTANT-EXAMINER: Patel; Jagdish

ATTY-AGENT-FIRM: Lenart; Robert P. Eckert Seamans Cherin & Mellott, LLC

ABSTRACT:

This invention relates to an automated method for identifying matches between a set of predetermined traits and a set of preferences. This method can be used to find compatible matches in a variety of situations where participants are identified by a profile of traits and a set of criteria desired in a match, including, for example, matching candidates to residency program, and matching job hunters with employment opportunities. The present invention offers advantages and improvements over prior computer matching systems because, it provides an automated, effective method for matching traits with corresponding preferences and insures that only matches of the highest degree are made. The, present invention utilizes two-way matching of selected criteria, which measures not only how compatible the potential match is with the desired traits of the user, but also how well the user fits the potential match's idea of the perfect match.

25 Claims, 12 Drawing figures

First Hit Fwd Refs



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L5: Entry 2 of 6

File: USPT

Jul 18, 2000

US-PAT-NO: 6092049

DOCUMENT-IDENTIFIER: US 6092049 A

**** See image for Certificate of Correction ****

TITLE: Method and apparatus for efficiently recommending items using automated collaborative filtering and feature-guided automated collaborative filtering

DATE-ISSUED: July 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chislenko; Alexander	Cambridge	MA		
Lashkari; Yezdezard	Cambridge	MA		
Tiu; David D.	Somerville	MA		
Metral; Max E.	Boston	MA		
McNulty; John Edward	Burlington	MA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 08/ 818533 [PALM]

DATE FILED: March 14, 1997

PARENT-CASE:

CROSS-REFERENCE TO RELATED APPLICATIONS This application is a continuation-in-part application of application Ser. No. 08/597,442 filed Feb. 2, 1996, now abandoned, which itself claims priority to provisional application Ser. No. 60/000,598, filed Jun. 30, 1995, and provisional application 60/008,458, filed Dec. 11, 1995, both of which are now expired and are incorporated herein by reference.

INT-CL: [07] G06 F 19/00

US-CL-ISSUED: 705/10; 705/26

US-CL-CURRENT: 705/10; 705/26

FIELD-OF-SEARCH: 705/27, 705/26, 705/8, 705/10, 705/5, 707/5

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

Clear

PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
<input type="checkbox"/> <u>3952184</u>	April 1976	Bassard	235/150
<input type="checkbox"/> <u>4041617</u>	August 1977	Hollander	35/22R
<input type="checkbox"/> <u>4205464</u>	June 1980	Baggott	35/22R
<input type="checkbox"/> <u>4331973</u>	May 1982	Eskin et al.	358/84
<input type="checkbox"/> <u>4348740</u>	September 1982	White	364/900
<input type="checkbox"/> <u>4546382</u>	October 1985	McKenna et al.	358/84
<input type="checkbox"/> <u>4566030</u>	January 1986	Nickerson et al.	358/84
<input type="checkbox"/> <u>4602279</u>	July 1986	Freeman	358/86
<input type="checkbox"/> <u>4627818</u>	December 1986	VonFellenberg	434/236
<input type="checkbox"/> <u>4630108</u>	December 1986	Gomersall	358/84
<input type="checkbox"/> <u>4646145</u>	February 1987	Percy et al.	358/84
<input type="checkbox"/> <u>4647964</u>	March 1987	Weinblatt	358/84
<input type="checkbox"/> <u>4658290</u>	April 1987	McKenna et al.	358/84
<input type="checkbox"/> <u>4682956</u>	July 1987	Krane	434/237
<input type="checkbox"/> <u>4745549</u>	May 1988	Hashimoto	364/402
<input type="checkbox"/> <u>4781596</u>	November 1988	Weinblatt	434/236
<input type="checkbox"/> <u>4870579</u>	September 1989	Hey	364/419
<input type="checkbox"/> <u>4872113</u>	October 1989	Dinerstein	364/401
<input type="checkbox"/> <u>4914694</u>	April 1990	Leonard et al.	380/5
<input type="checkbox"/> <u>4996642</u>	February 1991	Hey	705/27
<input type="checkbox"/> <u>5034981</u>	July 1991	Leonard et al.	380/5
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<input type="checkbox"/> <u>5446891</u>	August 1995	Kaplan et al.	395/600
<input type="checkbox"/> <u>5459306</u>	October 1995	Stein et al.	235/383
<input type="checkbox"/> <u>5544161</u>	August 1996	Bigham et al.	370/58.1
<input type="checkbox"/> <u>5583763</u>	December 1996	Atcheson et al.	364/551.01
<input type="checkbox"/> <u>5692107</u>	November 1997	Simoudis et al.	395/50
<input type="checkbox"/> <u>5699507</u>	December 1997	Goodnow, II et al.	395/183.14
<input type="checkbox"/> <u>5704017</u>	December 1997	Heckerman et al.	395/61

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0 643 359 A2	March 1995	EP	
0 749 078 A1	December 1996	EP	
0 751 471 A1	January 1997	EP	
WO 95/29452	October 1995	WO	

WO 95/29451

October 1995

WO 96/23265

August 1996

WO

OTHER PUBLICATIONS

ceedings of the 1994 Computer Supported Collaborative Work Conference, 1994.

Lee, Mary S., and Moore, Andrew W., Learning Automated Product Recommendations Without Observable Features: An Initial Investigation, The Robotics Institute, Carnegie Mellon University, Apr. 1995.

Hiraiwa et al, "Info-Plaza: A Social Information Filtering System for the World-Wide Web," Institute for Social Information Science Fujitsu Laboratories Ltd., pp. 10-15 (1996).

Lee, Mary S. and Andrew W. Moore, "Learning Automated Product Recommendations Without Observable Features: An Initial Investigator," The Robotics Institute, Carnegie Mellon University, pp. 1-35 (Apr. 1995).

Resnick et al, "GroupLens: An Open Architecture for Collaborative Filtering of Networks" pp. 175-186 (1994).

Sheth et al, "Evolving Agents for Personalized Information Filtering," Proceedings of The Ninth Conference on Artificial Intelligence for Applications, pp. 345-352, (Mar. 1-5, 1993).

Jennings et al, "A Personal New Service Based on a User Neural Network," IEICE Transactions on Information Systems, No. 2, pp. 190-209 Tokyo, Japan (Mar. 1992).

ART-UNIT: 275

PRIMARY-EXAMINER: Stamber; Eric W.

ASSISTANT-EXAMINER: Caudle; Penny

ATTY-AGENT-FIRM: Michaelson & Wallace Michaelson; Peter L.

ABSTRACT:

A method for recommending items to users using automated collaborative filtering stores profiles of users relating ratings to items in memory. Profiles of items may also be stored in memory, the item profiles associating users with the rating given to the item by that user or inferred for the user by the system. The user profiles include additional information relating to the user or associated with the rating given to an item by the user. Item profiles are retrieved to determine which users have rated a particular item. Profiles of those users are accessed and the ratings are used to calculate similarity factors with respect to other users. The similarity factors, sometimes in connection with confidence factors, are used to select a set of neighboring users. The neighboring users are weighted based on their respective similarity factors, and a rating for an item contained in the domain is predicted. In one embodiment, items in the domain have features. In this embodiment, the values for features can be clustered, and the similarity factors incorporate assigned feature weights and feature value cluster weights. In some embodiments, item concepts are used to enhance recommendation accuracy.

17 Claims, 5 Drawing figures

First Hit Fwd Refs



Generate Collection

Print

L5: Entry 3 of 6

File: USPT

Apr 11, 2000

US-PAT-NO: 6049777

DOCUMENT-IDENTIFIER: US 6049777 A

TITLE: Computer-implemented collaborative filtering based method for recommending an item to a user

DATE-ISSUED: April 11, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sheena; Jonathan Ari	Cambridge	MA		
McNulty; John Edward	Burlington	MA		
Sullivan; James J.	Arlington	MA		
Metral; Max E.	Boston	MA		

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Microsoft Corporation	Redmond	WA			02

APPL-NO: 08/ 818515 [PALM]

DATE FILED: March 14, 1997

PARENT-CASE:

CROSS-REFERENCE TO RELATED APPLICATIONS This application is a continuation-in-part application of application Ser. No. 08/597,442 filed Feb. 2, 1996, now abandoned which itself claims priority to provisional application Ser. No. 60/000,598, filed Jun. 30, 1995, now expired, and provisional application 60/008,458, filed Dec. 11, 1995, now expired, all of which are incorporated herein by reference.

INT-CL: [07] G06 F 17/60

US-CL-ISSUED: 705/10; 705/26, 707/103

US-CL-CURRENT: 705/10; 705/26

FIELD-OF-SEARCH: 705/10, 705/14, 705/16, 705/26-28, 702/179, 707/1, 707/3, 707/103

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

Search Selected

Search ALL

Clear

PAT-NO

ISSUE-DATE

PATENTEE-NAME

US-CL



4870579

September 1989

Hey

705/27

<input type="checkbox"/>	<u>4908758</u>	March 1990	Sanders	434/323
<input type="checkbox"/>	<u>4914684</u>	April 1990	Leonard et al.	380/5
<input type="checkbox"/>	<u>4996642</u>	February 1991	Hey	705/27
<input type="checkbox"/>	<u>5034981</u>	July 1991	Leonard et al.	380/5
<input type="checkbox"/>	<u>5041972</u>	August 1991	Frost	705/10
<input type="checkbox"/>	<u>5124911</u>	June 1992	Sack	705/10
<input type="checkbox"/>	<u>5446159</u>	August 1995	Stucky et al.	546/118
<input type="checkbox"/>	<u>5446891</u>	August 1995	Kaplan et al.	395/600
<input type="checkbox"/>	<u>5544161</u>	August 1996	Bigham et al.	370/58.1
<input type="checkbox"/>	<u>5583763</u>	December 1996	Atcheson et al.	364/551.01
<input type="checkbox"/>	<u>5692107</u>	November 1997	Simoudis et al.	395/50
<input type="checkbox"/>	<u>5699507</u>	December 1997	Goodnow, II et al.	395/183.14
<input type="checkbox"/>	<u>5704017</u>	December 1997	Heckerman et al.	395/61
<input type="checkbox"/>	<u>5774868</u>	June 1998	Cragun et al.	705/10

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
0643359	March 1995	EP	
0749078	December 1996	EP	
0751471	January 1997	EP	
95/29451	November 1995	WO	
95/29452	November 1995	WO	
96/23265	August 1996	WO	

OTHER PUBLICATIONS

Hiraiwa et al, "Info-Plaza: A Social Information Filtering System for the World-Wide Web", Institute for Social Information Science Fujitsu Laboratories Ltd., pp. 10-15 (1996).

Lee et al, "Learning Automated Product Recommendations Without Observable Features: An Initial Investigation", The Robotics Institute, Carnegie Mellon University, pp. 1-35 (Apr. 1995).

Resnick et al, "GroupLens: An Open Architecture for Collaborative Filtering of Networks" pp. 175-186 (1994).

Sheth et al "Evoling Agents for Personalized Information Filtering", Proceedings of The Ninth Conference on Artificial Intelligence for Applications, pp. 345-352 (Mar. 1-5 1993).

Jennings et al, "A Personal News Service Based on a User Model Neural Network", IEICE Transactions on Information Systems, No. 2, pp. 190-209 Tokyo, Japan (Mar. 1992).

ART-UNIT: 275

PRIMARY-EXAMINER: MacDonald; Allen R.

ASSISTANT-EXAMINER: Kazimi; Hani M.

ATTY-AGENT-FIRM: Michaelson & Wallace Michaelson; Peter L.

ABSTRACT:

An object for providing isolated, hierarchical data storage can be used in a method for recommending an item to one of a plurality of users. The data object abstracts an associated physical memory element and provides an interface for storing data and retrieving data from the physical memory element. In some embodiments the data object is provided with an indicator for identifying another data object that is used if a memory request is unable to be serviced by the associated physical memory element. In other embodiments this data object can be used to efficiently and transparently store profile data associated with a system for recommending items to users.

8 Claims, 5 Drawing figures

First Hit

Generate Collection

Print

L8: Entry 1 of 13

File: DWPI

Feb 3, 2000

DERWENT-ACC-NO: 2000-148567

DERWENT-WEEK: 200014

COPYRIGHT 2004 DERWENT INFORMATION LTD

TITLE: Computer ADP equipment configuration for assigning data about suppliers and parts to be supplied allows data filtering determined by preset search terms to match combinations of search criteria

INVENTOR: SCHIESSL, G; SEITZ, H J

PATENT-ASSIGNEE: MAN B & W DIESEL AG (MAUG)

PRIORITY-DATA: 1998DE-1033998 (July 29, 1998)

Search Selected

Search ALL

Clear

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/> DE 19833998 A1	February 3, 2000		009	G06F017/60

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 19833998A1	July 29, 1998	1998DE-1033998	

INT-CL (IPC): G06 F 17/60

ABSTRACTED-PUB-NO: DE 19833998A

BASIC-ABSTRACT:

NOVELTY - A computer (1), holding groups (2,3) of memory locations (21-26,31-36), has an input unit (4) with alphanumeric keys (5) for assigning data to the memory locations. Specific characteristics for parts to be supplied are displayed on a screen (6) attached to the computer with a processor (10) for allocating and arranging data from the groups. Details about parts to be supplied or about suppliers can be moved and combined.

USE - For ordering or allocating parts, components, systems, services, etc. in firms, factories, or with suppliers, manufacturers, etc.

ADVANTAGE - Any suppliers can be selected by the search engine meeting defined requirements. Filters can be preset to identify certain characteristics and qualifications to be met by suppliers.

DESCRIPTION OF DRAWING(S) - The figure shows an operational diagram of the present invention.

Computer 1

Groups of memory locations 2,3

Memory locations 21-26,31-36

Input unit 4

Alphanumeric keys 5

Screen 6

Processor 10

ABSTRACTED-PUB-NO: DE 19833998A
EQUIVALENT-ABSTRACTS:

CHOSEN-DRAWING: Dwg.1/5

DERWENT-CLASS: T01
EPI-CODES: T01-H07C; T01-J05A2; T01-J05B3;

Terms	Documents
(search\$ with criteria) and (order\$ with (item or product or service)) and @pd<=20001027	13

Display Format: [Change Format](#)

[Previous Page](#)

[Next Page](#)

[Go to Doc#](#)

Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 11 through 13 of 13 returned.

☐ 11. Document ID: US 3197742 A

L8: Entry 11 of 13

File: USOC

Jul 27, 1965

PAT-NO: 3197742

DOCUMENT-IDENTIFIER: US 3197742 A

TITLE: Search apparatus

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWNC	Draw D
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☐ 12. Document ID: US 3197568 A

L8: Entry 12 of 13

File: USOC

Jul 27, 1965

PAT-NO: 3197568

DOCUMENT-IDENTIFIER: US 3197568 A

TITLE: Electronic switching system and attendant's arrangement therefor

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWNC	Draw D
------	-------	----------	-------	--------	----------------	------	-----------	--	--	--------	------	--------

☐ 13. Document ID: US 3073868 A

L8: Entry 13 of 13

File: USOC

Jan 15, 1963

PAT-NO: 3073868

DOCUMENT-IDENTIFIER: US 3073868 A

TITLE: Production and purification of diphenylolalkanes

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWNC	Draw D
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
(search\$ with criteria) and (order\$ with (item or product or service)) and @pd<=20001027	13

T S2/3/1-35

2/3/1 (Item 1 from file: 13)

DIALOG(R)File 13:BAMP

(c) 2003 Resp. DB Svcs. All rts. reserv.

1056011 Supplier Number: 01138030 (USE FORMAT 7 OR 9 FOR FULLTEXT)

ELECTRONIC CATALOGS: Buying and Selling on the Web

(Article presents questions to determine if a company should invest in an electronic catalog marketing program)

Article Author(s): Romei, Lura K

Managing Office Technology, v 42, n 8, p 16-18

August 1997

DOCUMENT TYPE: Journal; Guideline ISSN: 1070-4051 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1722

2/3/2 (Item 2 from file: 13)

DIALOG(R)File 13:BAMP

(c) 2003 Resp. DB Svcs. All rts. reserv.

1024510 Supplier Number: 00809965 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Customized News in Your Mailbox

(Computer programs can be used to find current news reports, press releases, company research and magazine articles, allowing for customized news retrieval)

Article Author(s): Rudich, Joe

Online User, v 2, n 6, p 10-18

November 1996

DOCUMENT TYPE: Journal ISSN: 0276-8593 (United States)

LANGUAGE: English RECORD TYPE: Fulltext; Abstract

WORD COUNT: 3376

2/3/3 (Item 1 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

02325916 86925449

Ease of use versus user control: an evaluation of Web and non-Web interfaces of online databases

Xie, Hong (Iris); Cool, Colleen

Online Information Review v24n2 PP: 102-115 2000

ISSN: 1468-4527 JRNL CODE: ONCD

WORD COUNT: 6825

2/3/4 (Item 2 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01982179 48063787

Sites for sore eyes

Goodrich, Anne

Brandweek v41n2 PP: 24 Jan 10, 2000

ISSN: 1064-4318 JRNL CODE: IADW

WORD COUNT: 361

2/3/5 (Item 3 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

00662645 93-11866

Quality in library and information service: A review

Whitehall, Tom

Library Management v13n5 PP: 23-35 1992

ISSN: 0143-5124 JRNL CODE: LBM

WORD COUNT: 8846

2/3/6 (Item 4 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

00554670 91-29027

The 1991 Guide: A Galaxy of Software Developing Programs for Desktop List Analysis Selecting the Right Software System

Wojtas, Gary W.; Schell, Ernest H.; Kuipers, Bill

Direct Marketing v54n2 PP: 19-34 Jun 1991

ISSN: 0012-3188 JRNL CODE: DIM

WORD COUNT: 11686

2/3/7 (Item 1 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2004 The Gale Group. All rts. reserv.

03301873 Supplier Number: 44559218 (USE FORMAT 7 FOR FULLTEXT)

SYNCHRONICS RELEASES VERSION 6.5.2 Version 6.5.2 Enhances SYNCHRONICS Products

News Release, pN/A

April, 1994

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 539

2/3/8 (Item 1 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

10970988 (USE FORMAT 7 OR 9 FOR FULLTEXT)

TrainSeek.com, New E-Marketplace, Lists Broad Range of Customer Relations Training Tools; Powerful Search Engine Finds Appropriate Courses Fast

BUSINESS WIRE

May 11, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 434

2/3/9 (Item 2 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

10556918 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Timely Safety Training Staves Off Fines, Penalties, and Law Suits; TrainSeek.com, New E-Marketplace, Locates Optimal Courses In Seconds

BUSINESS WIRE

April 13, 2000

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 453

2/3/10 (Item 3 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

09955897 (USE FORMAT 7 OR 9 FOR FULLTEXT)

RBI to launch net venture to grow directory arm.

Gavin Stamp.

MEDIA WEEK, p1

March 03, 2000

JOURNAL CODE: WMWK LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 190

2/3/11 (Item 4 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

08690043 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Successories Launches Expanded Website; Notes Continuing Growth in Internet Sales

BUSINESS WIRE

December 13, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 653

2/3/12 (Item 5 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

08509160 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Cerplex Releases Enhanced Version of the PartSmart Network; Access to More Than 16 Million Computer Parts and Supplies Now Available From the E-Commerce Service

BUSINESS WIRE

December 02, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 992

2/3/13 (Item 6 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

08188463 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Millstar Creates E-Catalog for Matheson Tri-Gas; Direct Connection and e-commerce enhance www.mathesongas.com

BUSINESS WIRE

November 11, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 701

2/3/14 (Item 7 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

06912757 (USE FORMAT 7 OR 9 FOR FULLTEXT)

PILOT INTERACTIVE: Pilot Interactive launches first ever on-line fabric library

M2 PRESSWIRE

August 26, 1999

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 213

2/3/15 (Item 8 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

04932143 (USE FORMAT 7 OR 9 FOR FULLTEXT)

New \$39 Enfish Tracker Ships to Retail Stores

BUSINESS WIRE

April 12, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1468

2/3/16 (Item 9 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

04337080 (USE FORMAT 7 OR 9 FOR FULLTEXT)

QuestLink Technology and CareerBuilder Form Strategic Alliance

BUSINESS WIRE

February 16, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 748

2/3/17 (Item 10 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

03125073 (USE FORMAT 7 OR 9 FOR FULLTEXT)

CareerShop.com Offers New Internet Resume Search Service

PR NEWSWIRE

October 15, 1998

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 564

2/3/18 (Item 11 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

01672354 (USE FORMAT 7 OR 9 FOR FULLTEXT)

PRNewswire Midwest Summary, Tuesday, May 19 to 4 -2-

PR NEWSWIRE

May 19, 1998 17:22

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 762

2/3/19 (Item 12 from file: 20)

DIALOG(R)File 20:Dialog Global Reporter

(c) 2004 The Dialog Corp. All rts. reserv.

01477243 (USE FORMAT 7 OR 9 FOR FULLTEXT)

NetRight Ships New Three-Tier Thin Client -- Drastically Reducing the Total

Cost of Owning a Document Management System

BUSINESS WIRE

April 27, 1998 8:13

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 608

2/3/20 (Item 1 from file: 47)

DIALOG(R)File 47:Gale Group Magazine DB(TM)

(c) 2004 The Gale group. All rts. reserv.

05824272 SUPPLIER NUMBER: 62751229 (USE FORMAT 7 OR 9 FOR FULL TEXT)

New Products.(Statistical Data Included)

Broadcast Engineering, NA

May, 2000

DOCUMENT TYPE: Statistical Data Included ISSN: 0007-1994

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 6597 LINE COUNT: 00534

2/3/21 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2004 The Gale Group. All rts. reserv.

12385428 SUPPLIER NUMBER: 63584107 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**TECHNOLOGY.(More sophisticated technology is needed to access)(retail,
print and online environment.)**

Meyer, Dennis

Catalog Age, 17, 8, 135

July, 2000

ISSN: 0740-3119 LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 4246 LINE COUNT: 00358

2/3/22 (Item 1 from file: 180)

DIALOG(R)File 180:Federal Register

(c) 2004 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 02238219

Supplier Number: 920800635

Rulemaking for EDGAR System**Volume: 57 Issue: 153 Page: 35070****CITATION NUMBER: 57 FR 35070**

Date: FRIDAY, AUGUST 7, 1992

2/3/23 (Item 2 from file: 180)

DIALOG(R)File 180:Federal Register

(c) 2004 format only The DIALOG Corp. All rts. reserv.

DIALOG Accession Number: 02135509

Supplier Number: 891001077

**Aid to Families With Dependent Children; Job Opportunities and Basic Skills
Training (JOBS) Program; Child Care and Supportive Services; Conforming
Changes to Existing Regulations****Volume: 54 Issue: 197 Page: 42146****CITATION NUMBER: 54 FR 42146**

Date: FRIDAY, OCTOBER 13, 1989

2/3/24 (Item 1 from file: 194)

DIALOG(R)File 194:FBODaily

(c) format only 2003 The Dialog Corp. All rts. reserv.

4082857

SEARCH FIRM -- ADMINISTRATIVE SERVICE SOL 568-08-00 DUE 062000 POC

Neil A. Ondriezek 605-347-7027 R SEARCH FIRM-ADMINISTRATIVE SERVICE This is a combined synopsis/solicitation. Request for Quotation #RFQ 568-00-00 for a Search Firm-Administrative Service is hereby issued for commercial items to be used by the VA and is prepared in accordance with the format under Federal Acquisition Regulation (FAR) Part 12, Acquisition of Commercial Items, subpart 12.6 and Part 13, Simplified Acquisition Procedures, subpart 13.5 test program; and as supplemented with additional information included in this notice. Simplified acquisition procedures apply and the VA will conduct the procurement according to a combination of Parts 12 and 13. This CBD announcement constitutes the only solicitation issued. A separate written solicitation document will not be issued. Incorporated provisions and clauses are those in effect through Federal Acquisition Circular 97-15

and VAAR 97-8. The Standard Industrial Code (SIC) is 7361 and the small business size standard is \$5 million. Contractor's proposals are hereby being requested in response to requirements under a firm fixed price contract, to provide and deliver Search Firm services as listed in the schedule and shall be submitted on contractor's letterhead or bid form, must address all requirements listed, and contain the name, title and signature of person authorized to submit proposals/bids on behalf of the contractor in strict accordance with all specifications, provisions, terms and conditions of this solicitation and any resulting contract. Delivery is to be FOB Destination to the VA Black Hills Health Care System, 113 Comanche Road, Fort Meade, SD 57741. VA Black Hills Health Care System, 113 Comanche Road, Fort Meade, SD 57741 has a requirement for the services of a firm to provide assistance in identifying appropriate candidates for the position of Diagnostic Radiologist for Black Hills Health Care System. The position to be searched for is as follows: Diagnostic Radiologist, VA Black Hills Health Care System. Black Hills Health Care System, includes the VAMC at Fort Meade, SD and VAMC at Hot Springs, SD, is seeking a diagnostic radiologist. This position will be based at the VA Black Hills Health Care System. Applicants should be board certified. The Veterans Administration is an affirmative action/equal opportunity employer. Women and minority candidates are encouraged to apply. The Government intends to make award to the offeror that is most advantageous to the Government's criteria. Evaluation factors will include, but not be limited to: (1) Technical acceptability as determined by the information submitted which demonstrates understanding of the search criteria. (2) Management Capabilities and Approach: Describe management methods used to assure the provision of prompt and quality service, including a description of a quality assurance and customer service plan tailored towards previous experience in VA/academic radiology searches. (3) Past Performance: Identify all Federal, State and Local government contracts and private contracts of similar type, scope, size and complexity that are ongoing, or have been completed within the past 3 years. Provide a list of references pertaining to those contracts. (4) Price. The technical criteria and Management capabilities when combined are more important than price. Award will be made to the offeror determined to be the "best value" to the Government. Evaluation may be made with or without discussions with the offeror(s). All responsible sources that can meet the requirements as listed above may respond to this solicitation by submitting cost and technical proposals on their company letterhead or bid form. The following provisions and clauses shall apply to this solicitation: 52.252-2 Clauses Incorporated by Reference. This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address (es): <http://www.arnet.gov/far> (FAR) and <http://www.va.gov/oa&mm/vaar/> (VAAR); FAR 52.212-1, Instruction to Offers Commercial Items; FAR 52.212-2, Evaluation of Commercial Items; FAR 52.212-3 Representations and Certifications Commercial Items; FAR 52.212-4 Contract Terms and Conditions Commercial Items; FAR 52.212-5 Contract Terms and Conditions Required to Implement Statutes of Executive Orders Commercial Items; FAR 52.216-18 Ordering; FAR 52.216-19 Order Limitations; FAR 52.216-21 Requirements; VAAR 852.270-4 Commercial Advertising; VAAR 852.219-70 Veteran-owned business; 852.219-70 Protest Content; 852.236-76 Correspondence; 852.237-70 Contractor Responsibilities; 852.270-1 Representatives of Contracting Officers; and 852.233-71 Alternate Protest Procedure. Proposals shall include all information required in 52.212-1, Schedule of Prices Offered, a copy of published price list for the search criteria proposed, a completed copy of provision 52-212-3, and be submitted to the attention of Neil A. Ondriezek, (FIN-20) 113 Comanche Road, Fort Meade, SD 57741. For further information contact Neil A. Ondriezek at 605-347-7027 or Fax 605-347-7029. All offers must be received no later than close of business (4:00PM MST) on June 16, 2000. Faxed proposals will be accepted. Posted 06/07/00 (W-SN462539). (0159)

SPONSOR: VA Medical Center (FIN-20-FM), 113 Comanche Road, Ft Meade, SD

57741

PUBLICATION DATE: June 9, 2000

ISSUE: PSA-2618

2/3/25 (Item 2 from file: 194)

DIALOG(R) File 194:FBODaily

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4073904

SEARCH FIRM-ADMINISTRATIVE SERVICES SOL RFQ 618-116-00 DUE 052200 POC

Janice M. Byrd 612-725-2188 This is a combined synopsis/solicitation. Request for Quotation #RFQ 618-116-00 for a Search Firm-Administrative Service is hereby issued for commercial items to be used by the VA and is prepared in accordance with the format under Federal Acquisition Regulation (FAR) Part 12, Acquisition of Commercial Items, subpart 12.6 and Part 13, Simplified Acquisition Procedures, subpart 13.5 test program; and as supplemented with additional information included in this notice. Simplified acquisition procedures apply and the VA will conduct the procurement according to a combination of Parts 12 and 13. This CBD announcement constitutes the only solicitation issued. A separate written solicitation document will not be issued. Incorporated provisions and clauses are those in effect through Federal Acquisition Circular 97-17 and VAAR 97-8. The Standard Industrial Code (SIC) is 7361 and the small business size standard is \$5 million. Contractor's proposals are hereby being requested in response to requirements under a firm fixed price contract, to provide and deliver Search Firm services as listed in the schedule and shall be submitted on contractor's letterhead or bid form, must address all requirements listed, and contain the name, title and signature of person authorized to submit proposals/bids on behalf of the contractor in strict accordance with all specifications, provisions, terms and conditions of this solicitation and any resulting contract. Delivery is to be FOB Destination to the Minneapolis VA Medical Center, One Veterans Drive, Minneapolis, MN 55417. VA Medical Center Minneapolis, MN has a requirement for the services of a firm to provide assistance in identifying appropriate candidates for the position of Chief, Therapeutic Radiology (Radiation Oncology) Service for Minneapolis VAMC. The position to be searched for is as follows: Chief, Therapeutic Radiology (Radiation Oncology), Minneapolis VA Medical Center. Applicants should be board certified in Radiation Oncology, have a U.S. medical license, possess excellent leadership skills, and have successful experience in teaching and research. Salary will be commensurate with credentials. The Minneapolis VA Medical Center is a tertiary care hospital with a large outpatient census. The Therapeutic Radiology Service treats more than 400 new patients annually and is equipped with two linear accelerators. Service staff include one other radiation oncologist, technologists, and physicists for a total of 12.5 FTEE. This is a joint VA/University of Minnesota appointment. The Chief is responsible for providing leadership and direction for the clinical, teaching, and research activities of the service and for establishing strong working relationships with other VA Oncology care providers. The Veterans Administration is an affirmative action/equal opportunity employer. Women and minority candidates are encouraged to apply. The Government intends to make award to the offeror that is most advantageous to the Government's criteria. Evaluation factors will include, but not be limited to: (1) Past Performance: Identify all Federal, State and Local government contracts and private contracts of similar type, scope, size and complexity that are ongoing, or have been completed within the past 3 years. Provide a list of references pertaining to those contracts. (2) Management Capabilities and Approach: Describe management methods used to assure the provision of prompt and quality service, including a description of a quality assurance and customer service plan tailored towards previous experience in VA/academic radiology searches. (3) Price. The Past Performance and Management capabilities when combined are more important than price. Award will be made to the offeror determined to be the "best value" to the Government. Evaluation may be made with or

without discussions with the offeror(s). All responsible sources that can meet the requirements as listed above may respond to this solicitation by submitting cost and technical proposals on their company letterhead or bid form. The following provisions and clauses shall apply to this solicitation: 52.252-2 Clauses Incorporated by Reference. This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address (es): <http://www.arnet.gov/far> (FAR) and <http://www.va.gov/oa&mm/vaar/> (VAAR); FAR 52.212-1, Instruction to Offers Commercial Items; FAR 52.212-2, Evaluation of Commercial Items; FAR 52.212-3 Representations and Certifications Commercial Items; FAR 52.212-4 Contract Terms and Conditions Commercial Items; FAR 52.212-5 Contract Terms and Conditions Required to Implement Statutes of Executive Orders Commercial Items; FAR 52.216-18 Ordering; FAR 52.216-19 Order Limitations; FAR 52.216-21 Requirements; VAAR 852.270-4 Commercial Advertising; VAAR 852.219-70 Veteran-owned business; 852.219-70 Protest Content; 852.236-76 Correspondence; 852.237-70 Contractor Responsibilities; 852.270-1 Representatives of Contracting Officers; and 852.233-71 Alternate Protest Procedure. Proposals shall include all information required in 52.212-1, Schedule of Prices Offered, a copy of published price list for the search criteria proposed, a completed copy of provision 52-212-3, and be submitted to the attention of Janice Byrd, VA Medical Center Room 4G-107 One Veterans Drive Minneapolis MN 55417. For further information contact Janice Byrd at 612-725-2188 or Fax 612-725-2072. All offers must be received no later than close of business (4:30 PM CST) on May 22, 2000. Faxed proposals will be accepted. Posted 05/10/00 (W-SN453548). (0131)

SPONSOR: Department of Veterans Affairs Medical Center, Chief, Acquisition and Materiel Management (90C), One Veterans Drive, Minneapolis, MN 55417

PUBLICATION DATE: May 12, 2000

ISSUE: PSA-2599

2/3/26 (Item 3 from file: 194)

DIALOG(R) File 194:FBQDaily

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4046527

SEARCH FIRM-ADMINISTRATIVE SERVICES SOL RFQ 618-96-00 DUE 022900 POC

Janice M. Byrd 612-725-2188 This is a combined synopsis/solicitation. Request for Quotation #RFQ 618-96-00 for a Search Firm-Administrative Service is hereby issued for commercial items to be used by the VA and is prepared in accordance with the format under Federal Acquisition Regulation (FAR) Part 12, Acquisition of Commercial Items, subpart 12.6 and Part 13, Simplified Acquisition Procedures, subpart 13.5 test program; and as supplemented with additional information included in this notice. Simplified acquisition procedures apply and the VA will conduct the procurement according to a combination of Parts 12 and 13. This CBD announcement constitutes the only solicitation issued. A separate written solicitation document will not be issued. Incorporated provisions and clauses are those in effect through Federal Acquisition Circular 97-15 and VAAR 97-8. The Standard Industrial Code (SIC) is 7361 and the small business size standard is \$5 million. Contractor's proposals are hereby being requested in response to requirements under a firm fixed price contract, to provide and deliver Search Firm services as listed in the schedule and shall be submitted on contractor's letterhead or bid form, must address all requirements listed, and contain the name, title and signature of person authorized to submit proposals/bids on behalf of the contractor in strict accordance with all specifications, provisions, terms and conditions of this solicitation and any resulting contract. Delivery is to be FOB Destination to the Minneapolis VA Medical Center, One Veterans Drive, Minneapolis, MN 55417. VA Medical Center Minneapolis, MN has a requirement for the services of a firm to provide assistance in identifying

appropriate candidates for the position of Chief of the Imaging Service for Minneapolis VAMC and for VISN 13. The position to be searched for is as follows: Chief, Diagnostic Imaging, Minneapolis VA Medical Center and VISN 13. VISN 13, a network of five VA medical centers in Minnesota, North Dakota and South Dakota, is seeking a chair of diagnostic imaging. This newly created position will be based at the Minneapolis VA Medical Center but have responsibility for imaging at all five sites. Applicants should be board certified and eligible for faculty rank at the associate or full professor level at the University of Minnesota Medical School. The Minneapolis VA Medical Center is a tertiary care hospital with a large outpatient census. It is a major training site for the University of Minnesota radiology residency. The Veterans Administration is an affirmative action/equal opportunity employer. Women and minority candidates are encouraged to apply. The Government intends to make award to the offeror that is most advantageous to the Government's criteria. Evaluation factors will include, but not be limited to: (1) Technical acceptability as determined by the information submitted which demonstrates understanding of the search criteria. (2) Management Capabilities and Approach: Describe management methods used to assure the provision of prompt and quality service, including a description of a quality assurance and customer service plan tailored towards previous experience in VA/academic radiology searches. (3) Past Performance: Identify all Federal, State and Local government contracts and private contracts of similar type, scope, size and complexity that are ongoing, or have been completed within the past 3 years. Provide a list of references pertaining to those contracts. (4) Price. The technical criteria and Management capabilities when combined are more important than price. Award will be made to the offeror determined to be the "best value" to the Government. Evaluation may be made with or without discussions with the offeror(s). All responsible sources that can meet the requirements as listed above may respond to this solicitation by submitting cost and technical proposals on their company letterhead or bid form. The following provisions and clauses shall apply to this solicitation: 52.252-2 Clauses Incorporated by Reference. This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address (es): <http://www.arnet.gov/far> (FAR) and <http://www.va.gov/oa&mm/vaar/> (VAAR); FAR 52.212-1, Instruction to Offers Commercial Items; FAR 52.212-2, Evaluation of Commercial Items; FAR 52.212-3 Representations and Certifications Commercial Items; FAR 52.212-4 Contract Terms and Conditions Commercial Items; FAR 52.212-5 Contract Terms and Conditions Required to Implement Statutes of Executive Orders Commercial Items; FAR 52.216-18 Ordering; FAR 52.216-19 Order Limitations; FAR 52.216-21 Requirements; VAAR 852.270-4 Commercial Advertising; VAAR 852.219-70 Veteran-owned business; 852.219-70 Protest Content; 852.236-76 Correspondence; 852.237-70 Contractor Responsibilities; 852.270-1 Representatives of Contracting Officers; and 852.233-71 Alternate Protest Procedure. Proposals shall include all information required in 52.212-1, Schedule of Prices Offered, a copy of published price list for the search criteria proposed, a completed copy of provision 52-212-3, and be submitted to the attention of Janice Byrd, VA Medical Center Room 4G-107 One Veterans Drive Minneapolis MN 55417. For further information contact Janice Byrd at 612-725-2188 or Fax 612-725-2072. All offers must be received no later than close of business (4:30PM CST) on February 29, 2000. Faxed proposals will be accepted. Posted 02/17/00 (W-SN426602). (0048)

SPONSOR: Department of Veterans Affairs Medical Center, Chief, Acquisition and Materiel Management (90C), One Veterans Drive, Minneapolis, MN 55417

PUBLICATION DATE: February 22, 2000

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DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.
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00067316 DOCUMENT TYPE: Review

PRODUCT NAMES: KEY:Plan, KEY:Analyze, KEY:Design CWS (362719)

TITLE: Designing for Flexibility with Multiple Document Interfaces
AUTHOR: Shekleton, John
SOURCE: DBMS, v7 n9 p64(4) Aug 1994
ISSN: 1041-5173
HOMEPAGE: http://www.dbmsmag.com

RECORD TYPE: Review
REVIEW TYPE: Product Analysis
GRADE: Product Analysis, No Rating

REVISION DATE: 20030130

2/3/28 (Item 1 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01211233 SUPPLIER NUMBER: 04739025 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Client List. (Software Review) (mailing-list managers) (evaluation)
Brown, Bruce
PC Magazine, v6, n6, p205(2)
March 31, 1987
DOCUMENT TYPE: evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 15602 LINE COUNT: 01175

2/3/29 (Item 1 from file: 625)

DIALOG(R)File 625:American Banker Publications
(c) 2004 American Banker. All rts. reserv.

0062587

Trintex to Aim On-Line Ads At Demographic Segments
American Banker - June 30, 1987; Pg. 10; Vol. 152, No. 126
WORD COUNT: 955

2/3/30 (Item 1 from file: 640)

DIALOG(R)File 640:San Francisco Chronicle
(c) 2004 Chronicle Publ. Co. All rts. reserv.

05090147

BIG BROTHER DATABANK LOVES YOU HE AT LEAST KNOWS YOU: WHERE YOU LIVE, WHAT YOU EAT, HOW MUCH YOU OWE AND HOW MUCH BLACK LACE LINGERIE YOU BUY
SAN FRANCISCO CHRONICLE (SF) - SUNDAY September 24, 1989
By: ERIK LARSON, Harper's Magazine
Edition: SUNDAY Section: TW Page: 11/Z
Word Count: 3,525

2/3/31 (Item 1 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext
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01192567 CMP ACCESSION NUMBER: WIN19990601S0048

101 Best Business Sites - Don't surf in the dark. This guide to the best business sites helps keep you on the path to profitability.
Nick Soave, Chitra Vemuri and Rita Wallace

WINDOWS MAGAZINE, 1999, n 1006, PG113
PUBLICATION DATE: 990601
JOURNAL CODE: WIN LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Cover Story
WORD COUNT: 5708

2/3/32 (Item 2 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext
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01096393 CMP ACCESSION NUMBER: CWK19960708S0004

More than the sum of all its parts - At Siemens, the search is online
Kate Maddox

COMMUNICATIONSWEEK, 1996, n 618, PGIA06

PUBLICATION DATE: 960708

JOURNAL CODE: CWK LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Interactive Age - Web Commerce - Transactions, Marketing,
Case Studies and On

WORD COUNT: 1003

2/3/33 (Item 1 from file: 995)

DIALOG(R)File 995:NewsRoom 2000
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0115029286 15560WMS

**Redladder Announces the Launch of Redladder Marketplace - The Most
Comprehensive Online Communication And Procurement Platform for The
Construction Industry Contractors and Real Estate Professionals**

PR Newswire

Wednesday, August 9, 2000

JOURNAL CODE: ALSA LANGUAGE: English RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 752

2/3/34 (Item 2 from file: 995)

DIALOG(R)File 995:NewsRoom 2000
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0063529826 15120X41

New Products.

Luff, John

Broadcast Engineering, pNA

Monday, May 1, 2000

JOURNAL CODE: AAFR LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newsletter ISSN: 0007-1994

WORD COUNT: 6,463

2/3/35 (Item 3 from file: 995)

DIALOG(R)File 995:NewsRoom 2000
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0057010339 151L0A32

**Digital Copier Introductions Up 73% from 1998 to 1999, New Hardcopy Data
Source from Lyra Research Shows**

BUSINESS WIRE

Wednesday, April 19, 2000

JOURNAL CODE: ADZA LANGUAGE: ENGLISH RECORD TYPE: Fulltext

DOCUMENT TYPE: Newswire

WORD COUNT: 831